

Structure Number: 047-3018

District: 3

**Inventory Data**

<b>Facility Carried:</b> GALENA RD/FAU 2502	<b>Bridge Name:</b>	<b>Sufficiency Rating:</b> 95.9	<b>Structure Length:</b> 39.0
<b>Feature Crossed:</b> ROB ROY CREEK	<b>Location:</b> AT ROUTE 47	<b>HBRRP Eligible:</b> No	<b>AASHTO Bridge Length:</b> 34.5
<b>Bridge Remarks:</b> 2001 REHAB INCLUDED NEW DECK.		<b>Replaced By:</b> 000-0000	<b>Length of Long Span:</b> 36.8
<b>Bridge Status:</b> 2 OPEN - LOAD POSTED	<b>Status Date:</b> 04/2008	<b>Replaces:</b> 000-0000	<b>Bridge Roadway Width:</b> 37.3
<b>Status Remarks:</b> STATUS CHANGE DUE TO POSTING - 4/18/2008 TWH		<b>Last Update Date:</b> 12/22/2008	<b>Appr Roadway Width:</b> 34.0
<b>Maint County:</b> 047 KENDALL	<b>Maint Township:</b> 02 BRISTOL	<b>Parallel Structure:</b> None	<b>Deck Width:</b> 37.3
<b>Maint Responsibility:</b> 03 COUNTY		<b>Multi-Level Structure Nbr:</b>	<b>Sidewalk Width Right:</b> 0.0
<b>Service On/Under:</b> 1 HIGHWAY	5 / WATERWAY	<b>Skew Direction:</b> L	<b>Sidewalk Width Left:</b> 0.0
<b>Reporting Agency:</b> 3 COUNTY		<b>Skew Angle:</b> 15 D 00 M 00 S	<b>Navigation Control:</b> 0 No
<b>Main Span Matl/Type:</b> 5 PRESTRESS CONCRETE	/ 05 BOX BEAM OR GIRDER-MULTIPLE	<b>Structure Flared:</b> No	<b>Navigation Horiz Clear:</b> 0
<b>Nbr Of Main Spans:</b> 1	<b>Nbr Of Approach Spans:</b> 0	<b>Historical Significance:</b> No	<b>Navigation Vert Clear:</b> 0
<b>***Approaches***</b>		<b>Border Bridge State:</b>	<b>Culvert Fill Depth:</b> 0.0
<b>Near #1 Matl/Type:</b> /		<b>Bdr State SN:</b>	<b>Number Culvert Cells:</b> 0
<b>Near #2 Matl/Type:</b> /		<b>Bdr State % Responsibility:</b> 0	<b>Culvert Opening Area:</b> 0.0
<b>Far #1 Matl/Type:</b> /		<b>Structural Steel Wt</b> 0	<b>Culvert Cell Height:</b> 0.00
<b>Far #2 Matl/Type:</b> /		<b>Substructure Material:</b>	<b>Culvert Cell Width:</b> 0.00
<b>Median Width/Type:</b> 0 Ft. / 0 None		<b>Rated By:</b> 2 IDOT	<b>Rate Method:</b> 2 ALLOWABLE STRESS
<b>Guardrail Type L/R:</b> 1 Steel Plate Beam / 1 Steel Plate Beam	<b>Inventory Rating:</b> 20(236)	<b>Load Rating Date:</b> 07/10/2001	<b>Railroad Crossing Info</b>
<b>Toll Facility Indicator:</b> 0 No Toll	<b>Operating Rating:</b> 27.2(249)		<b>Crossing 1 Nbr:</b>
<b>Latitude:</b> 41 D 42 M 19.52 S	<b>Longitude:</b> 88 D 26 M 19.52 S	<b>Design Load:</b> 02 HS20	<b>Crossing 1 Nbr:</b>
<b>Deck Structure Type:</b> E PCAST PRES CN DK BM	<b>Deck Structure Thickness:</b> 17 SD: N	<b>FO:</b> N	<b>RR Lateral Underclear:</b> 00.0
<b>Sidewalks Under Structure:</b> 0 None			<b>RR Vertical Underclear:</b> 00 Ft 00 In

**Key Route On Data**

**Key Route Nbr:** FEDERAL-AID URBAN 2502 **Station:** 007.380  
**Appurtenances** Main Route 00.000 **Segment:**  
**Inventory County:** 047 KENDALL **Linked:** Y  
**Township/Road Dist** 02 BRISTOL **Natl. Hwy System:** Not on NHS  
**Municipality** 6405 YORKVILLE **Inventory Direction:**  
**Urban Area:** 1051 1051 **Curr AADT Yr/Count:** 2008 / 5400  
**Functional Class:** 70 MINOR ARTERIAL (URBAN) **Est Truck Percentage:** 13  
**\*\* CLEARANCES \*\*** **South/East** **North/West** **Number Of Lanes:** 2  
**Max Rdwy Width:** 037.3 **One Or Two Way:** 2 Two-Way  
**Horizontal:** 037.3 000.0 **Bypass Length:** 5  
**Future AADT Yr/Cnt:** 2027 / 9400  
**Designated Truck Rte:** NONE  
**Special Systems:** No

**Key Route Under Data**

**Station:**  
**Segment:**  
**Linked:**  
**Natl. Hwy System:**  
**Inventory Direction:**  
**Curr AADT Yr/Count:** /  
**Est Truck Percentage:**  
**Number Of Lanes:**  
**One Or Two Way:**  
**Bypass Length:**  
**Future AADT Yr/Cnt:** /  
**Designated Truck Rte:**  
**Special Systems:**

**\*\*\* Marked Route On Data \*\*\***

Designation	Kind	Number
Route #1: 1 Mainline	8 Other	2502
Route #2:		
Route #3:		

**\*\*\* Marked Route Under Data \*\*\***

Designation	Kind	Number
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**Data Related to Inspection Information**

\*\*\* Inspection Intervals \*\*\*

\*\*\* Maximum Allowable Posting Limits \*\*\*

Bridge Posting Level:

Routine NBIS:	48 MOS	Underwater:	0 MOS	One Truck At A Time:	Combination Type 3S-1:	Tons	5	No Posting Required
		Special:	N	Single Unit Vehicles:	Combination Type 3S-2:	Tons		

**Inspection/Appraisal Information**

\*\* Actual Posted Limits \*\*

Inspection Date:	12/12/2008	Inspection Temperature:	17Deg. F						
Deck:	8	VERY GOOD CONDITION - NO PROBLEMS NOTED						Single Unit Vehicles:	18 Tons
Superstructure:	8	VERY GOOD CONDITION - NO PROBLEMS NOTED						Combination Type 3S-1:	23 Tons
Substructure:	7	GOOD CONDITION - SOME MINOR PROBLEMS						Combination Type 3S-2:	26 Tons
Culvert:	N	NOT APPLICABLE						One Truck At A Time:	
Channel and Protection:	6	SATISFACTORY CONDITION - MINOR DETERIORATION	Deck Wearing Surf:	G	BITUMINOUS OVERLAY	Last Paint Type:			
Structural Evaluation:	7	BETTER THAN PRESENT MINIMUM CRITERIA	Deck Membrane:	F	NONE				
Deck Geometry:	4	MINIMUM ADEQUACY TO BE LEFT IN PLACE	Deck Protection:	J	NONE				
Underclearance-Vert/Lat.:	N	NOT APPLICABLE	Total Deck Thick:	20.0					
Waterway Adequacy:	6	EQUAL TO PRESENT MINIMUM CRITERIA	Last Paint Date:						
Approach Roadway Align:	7	BETTER THAN PRESENT MINIMUM CRITERIA							
Bridge Railing Appraisal:	3	Meets Standards							
Approach Guardrail:	333	Acceptable	Acceptable	Acceptable					
Pier Navig Protection:	N	N/A							

**Underwater Inspection/Appraisal Information**

Inspection Date:		Inspection Category:		
Temperature:		Inspection Method:		Appraisal Rating:

**Scour Critical Information**

**Miscellaneous**

Rating:	8	CALCULATED SCOUR ABOVE FOOTING	Evaluation Method:	B	Rational Analysis
Analysis Date:	06/04/1996				Microfilm Data Recorded: No

**Construction Information**

**Waterway Information**

Year:	1964	Original	2001	Reconstructed	Flood Design Frequency:	0 YRS	Drainage Area:	0	Acre
Route:	SA 9	Sta: 373+25.48	SA 9	Sta: 10+00	Flood Design Q (CFS):	0	Flood Base Q (CFS):	0	
Section Nbr:	32 B MFT		01-00069-00-BR		Flood Design Nat H W E:	0	Flood Base Nat H W E:	0	
Contract Nbr:					Flood Des Open Prop:	0 SF			
Fed Aid Pr#:	00000000000000		00000000000000						
Built By:	3	COUNTY AGENCY	3	COUNTY AGENCY					